

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1321	booster near2 (stage or multi adj stage)	US-PGPUB; USPAT; DERWENT	OR	ON	2010/12/13 12:37
L2	993	booster near (stage or multi adj stage)	US-PGPUB; USPAT; DERWENT	OR	ON	2010/12/13 12:37
L3	42	booster near (stage or multi adj stage) and ("417".clas. or "418".clas.)	US-PGPUB; USPAT; DERWENT	OR	ON	2010/12/13 12:37
L4	15	booster near (stage or multi adj stage) and ("417".clas. or "418".clas.) and vacuum	US-PGPUB; USPAT; DERWENT	OR	ON	2010/12/13 12:37
L5	19	booster near (stage or multi adj stage) and ("417".clas. or "418".clas.) and vacuum	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 12:37
L6	1127362	vacuum	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 12:38
L7	19	booster near (stage or multi adj stage) and ("417".clas. or "418".clas.) and 6	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 12:38
L8	7	(booster near2 (stage or multi adj stage) and ("417".clas. or "418".clas.) and 6) not 7	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 12:45
L9	3	("3625006").URPN.	USPAT	OR	ON	2010/12/13 12:48
L10	12	(booster near5 (stage or multi adj stage) and ("417".clas. or "418".clas.) and 6) not (7 or 8)	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 12:48
L11	8	(booster with (stage or multi adj stage) and ("417".clas. or "418".clas.) and 6) not (7 or 8 or 10)	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 12:51

L18	34	(US-20040173312-\$ or US-20030223860-\$ or US-20090028731-\$ or US-20070227357-\$ or US-20060127245-\$ or US-20070048145-\$ or US-20070048162-\$ or US-20020197171-\$ or US-20020131870-\$ or US-20010024617-\$ or US-20040081565-\$ or US-20050074353-\$).did. or (US-4887941-\$ or US-5052887-\$ or US-5466119-\$ or US-4826393-\$ or US-4111595-\$ or US-4732529-\$ or US-5553998-\$ or US-6896490-\$ or US-6736606-\$ or US-4442353-\$ or US-4789314-\$ or US-3184155-\$ or US-6874989-\$ or US-5816782-\$ or US-5131817-\$ or US-5352097-\$ or US-5846062-\$ or US-3922117-\$ or US-3667874-\$ or US-1004776-\$ or US-3481532-\$ or US-6708981-\$).did.	US-PGPUB; USPAT	OR	ON	2010/12/13 13:08
L19	7	18 and booster with stage	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:09
L20	3	"03023229"	US-PGPUB; USPAT; DERWENT	OR	ON	2010/12/13 13:43
L21	2	"20040173312"	US-PGPUB; USPAT; DERWENT	OR	ON	2010/12/13 13:43
L22	0	("2004/0173312").URPN.	USPAT	OR	ON	2010/12/13 13:43
L23	0	("2004/0173312").URPN.	USPAT	OR	ON	2010/12/13 13:43
L24	0	("2004/0173312").URPN.	USPAT	OR	ON	2010/12/13 13:43
L25	0	"10586189"	USPAT	OR	ON	2010/12/13 13:43
L26	0	"2002090321"	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L27	2	"20020090321"	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L28	0	"1004173312"	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L29	0	"2004173312"	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L30	1	"20040173312"	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43

L31	528	vacuum adj pump near3 series	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L32	19	vacuum adj pump near3 series with motor	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L33	18	("2246932" "2295775" "2926835" "4140439" "4699570" "4767280" "4797068").PN. OR ("4887941").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L34	2	"10563255"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L35	1232	kawamura.in. and vacuum	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L36	12	(kawamura near2 takeshi).in. and vacuum	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L37	13	("2511878" "2931308" "4543048").PN. OR ("5697772").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L38	234	vacuum adj pump near series	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L39	6	vacuum adj pump near series and ("417.clas" or "418".clas. or "415".clas. or "92".clas. or "91".clas.)	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L40	932693	miltistage with pump with rotor wtih vacuum	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L41	0	miltistage with pump with rotor and vacuum	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L42	0	miltistage with pump with rotor	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L43	0	miltistage with pump with rotor	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L44	0	multi-stage with pump with rotor	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L45	20386	pump with rotor	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L46	1311	vacuum adj pump with rotor	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L47	5	vacuum adj pump with rotor near3 complex	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L48	0	("2008/0025858").URPN.	USPAT	OR	ON	2010/12/13 13:43
L49	114	vacuum adj pump with rotor near3 stage	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L50	16	("3748055" "3826588" "4111595" "4732529" "4826393" "4893985").PN. OR ("5052887").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43

L51	14	("2362922" "3802794" "4332522" "4668160"). PN. OR ("4826393").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L52	18	("0269412" "1098974" "2010569" "2464152" "3405597" "4437784" "4502832" "5052887" "5195756").PN. OR ("5466119").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L53	29	vacuum adj pump with rotor same compound	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L54	1293	vacuum adj pump with compound	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L55	177	vacuum adj pump near2 compound	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L56	1	vacuum adj pump near2 compound with series	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L57	4	pump near2 compound with series	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L58	12	("4732530" "4735550" "5020969" "5052887" "5238362" "5324177" "5370509" "5611660"). PN. OR ("6179573").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L59	16	("3748055" "3826588" "4111595" "4732529" "4826393" "4893985"). PN. OR ("5052887").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L60	979	415/90.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L61	31	L60 and compound with vacuum	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L62	0	("2004/0096311").URPN.	USPAT	OR	ON	2010/12/13 13:43
L63	12	("4732530" "4735550" "5020969" "5052887" "5238362" "5324177" "5370509" "5611660"). PN. OR ("6179573").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L64	14	("2362922" "3802794" "4332522" "4668160"). PN. OR ("4826393").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L65	17	("3947193" "4732529" "4826393" "5165872"). PN. OR ("5553998").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L66	29	("0969541" "2730297" "3628894" "3751908" "3947193" "3969039" "4023920" "4111595" "4332522").PN. OR ("4732529").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43

L67	0	turbomolecular	USPAT	OR	ON	2010/12/13 13:43
L68	1729	turbomolecular	USPAT	OR	ON	2010/12/13 13:43
L69	1522	turbomolecular near pump	USPAT	OR	ON	2010/12/13 13:43
L70	25	(turbomolecular near pump) near2 series	USPAT	OR	ON	2010/12/13 13:43
L71	37	(turbomolecular near pump) near2 series	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L72	177	("2142329" "2413851" "2592940" "3145914" "3190545" "3281065" "3578880" "3592048" "3623826" "3672791" "3714421" "3811319" "4111595" "4167165" "4269590" "4309143" "4399690" "4505647" "4541772" "4593530" "4651171" "4702228" "4717315" "4754745" "4756810" "4761553" "4785182" "4800173" "4806075" "4815303" "4816126" "4824546" "4835005" "4889995" "4992662" "4994013" "4999096" "5062271" "5107697" "5116196" "5134877" "5152679" "5180435" "5188514" "5190444" "5210466" "5259918" "5297422" "5298452" "5335505" "5341671" "5349846" "5363689" "5440918" "5450721" "5483803" "5489319" "5500102" "5534713" "5537857" "5542825" "5548964" "5688106" "5733104" "5756881" "5783295" "5828064" "5863602" "5879467" "5885869" "5924841" "5928428" "5963833" "6013134" "6014892" "6030189" "6050782" "6062810" "6083313").PN. OR ("5584669" "5720174" "5849163" "6099457" "6336356" "6362096" "6412173" "6642489" "6666811" "6872956" "6875279").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43

L73	2	"10563255"	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L74	9	roots near pump same compound	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L75	24	roots near pump with series	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L76	1257	vacuum near pump with series	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L77	106	vacuum near pump with series same turbo adj molecular	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L78	113	turbo adj molecular with pump with series	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L79	101	L78 not L77	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L80	101	L78 not L77	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L81	101	L78 not L77	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L82	101	L81 and pump	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L83	99	L81 and vacuum	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L84	70	turbo adj molecular with pump with series with vacuum	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L85	0	("20020090310").PN.	USPAT; USOCR	OR	OFF	2010/12/13 13:43
L86	0	"2002090310"	USPAT	OR	ON	2010/12/13 13:43
L87	0	"2002090310"	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L88	1	"20020090310"	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L89	1	"20040193312"	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L90	1	"20040173312"	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L91	4195	booster adj pump	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L92	5277	booster near2 pump	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L93	2053	(booster near2 pump) and stage	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L94	903	(booster near2 pump) and stage and vacuum	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L95	39043	((booster near2 pump) and stage and vacuum) and "417".clas. or "415".clas.	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43

L96	56	((booster near2 pump) and stage and vacuum) and ("417".clas. or "415".clas.)	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L97	28	((booster near2 pump) and stage and vacuum) and ("417".clas. or "415".clas.) and series	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L98	45	((booster near2 pump) and vacuum) and ("417".clas. or "415".clas.) and series	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L99	1	"10586189"	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L100	2	"10563255"	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L101	0	booster near2 pump with turbomoleclar	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L102	91	booster near2 pump with turbomolecular	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L103	85	booster near pump with turbomolecular	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L104	24	roots near pump with series	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L105	8	("2812715" "3089638" "4859158" "5288217"). PN. OR ("6196810").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L106	13	("3874708" "4372114" "4523612" "5133578" "5340165" "5437479" "5639222" "5713727" "5820354" "6056510" "6062266" "6089823" "6196810"). PN. OR ("6305910").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L107	1246	vacuum adj pump with series	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L108	409	vacuum adj pump near2 series	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L109	129	vacuum adj pump near2 series and housing	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L110	28	vacuum adj pump near2 series same housing	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L111	10	vacuum adj pump near2 series same enclosure	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L112	0	vacuum adj pump near2 series with motor and (brushless near3 motor)	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L113	151	vacuum adj pump with motor and (brushless near3 motor)	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43

L114	67	vacuum adj pump with motor and (brushless near3 DC)	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L115	2	roots near pump with motor and (brushless near3 DC)	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L116	371	roots near (multistage or compound)	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L117	0	("2007/0048162").URPN.	USPAT	OR	ON	2010/12/13 13:43
L118	1	"7491041"	USPAT	OR	ON	2010/12/13 13:43
L119	4	("1214300" "4943214" "4995796").PN. OR ("7491041").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L120	14	("2489887" "2648488" "3405604" "3667874" "3922117" "4102615" "4789314").PN. OR ("4995796").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L121	21	("3667874").URPN.	USPAT	OR	ON	2010/12/13 13:43
L122	15	("1756343" "3184155" "3667874" "4505647" "5314312" "5364245" "5709537" "5736823").PN. OR ("5846062").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L123	5	("3184155").URPN.	USPAT	OR	ON	2010/12/13 13:43
L124	15	("1756343" "3184155" "3667874" "4505647" "5314312" "5364245" "5709537" "5736823").PN. OR ("5846062").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L125	15	("1756343" "3184155" "3667874" "4505647" "5314312" "5364245" "5709537" "5736823").PN. OR ("5846062").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L126	54	roots with pump with (multistage or compound)	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L127	1	"10586189"	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L128	2	"03023229"	EPO; DERWENT	OR	ON	2010/12/13 13:43
L129	0	PCT/JP02/09048	EPO; DERWENT	OR	ON	2010/12/13 13:43
L130	0	JP02/09048	EPO; DERWENT	OR	ON	2010/12/13 13:43
L131	2	("0750,673").PN.	USPAT; USOCR	OR	OFF	2010/12/13 13:43

L132	0	(10/568812).APP.	USPAT; USOCR	OR	OFF	2010/12/13 13:43
L133	1	"10568812"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L134	12	417/205.ccls. and booster near pump	US-PGPUB; USPAT; DERWENT	OR	ON	2010/12/13 13:43
L135	5	"6379135"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L136	2	((("6217305") or ("6379135")).PN.	USPAT; USOCR	OR	OFF	2010/12/13 13:43
L137	9	("3180559" "5101782" "5215501" "5549463" "6129534" "6200116"). PN. OR ("6379135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L138	23	("1626768" "3146717" "3182670" "4504201" "5011520" "5158644" "5197861" "5295798" "5302089" "5348448" "5352097" "5443644"). PN. OR ("5549463").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L139	26	("2243874" "2640428" "3639087" "3811805" "4152092" "4420291" "4625156" "4712048" "4758132" "4797068" "4808077" "4829217" "4850806" "5062771" "5115172" "5118251" "5166566" "5197861" "Re17689").PN. OR ("5352097").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L140	7	("4714418" "4781553" "4797068" "4954047" "5549463" "5782609" "5836746").PN. OR ("6375431").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L141	40	booster near pump with multi-stage	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L142	2	booster near pump with multi-stage with roots	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L143	0	("20040173312").PN.	USPAT; USOCR	OR	OFF	2010/12/13 13:43
L144	0	(2004/0173312).CCLS.	USPAT; USOCR	OR	OFF	2010/12/13 13:43
L145	0	2004/0173312	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L146	1	"20040173312"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L147	1	"20020197171"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43

L148	3	("2721694" "4934908").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L149	2	("2721694").URPN.	USPAT	OR	ON	2010/12/13 13:43
L150	15	("2492075" "2721694" "2938664" "2940661" "4504201" "4662826" "4770609" "4797068"). PN. OR ("4934908").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L151	10	("4353002" "5261802" "5779453" "5782609" "5846062" "6039827" "6092994" "6183218" "6448682" "6528920"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L152	10	("1612330" "2937807" "3378710" "3572982" "4797071" "5045026" "5354179").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L153	7	("4549857" "4904155" "5618167" "5762478" "6629824" "6679677"). PN. OR ("6874989").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L154	432926	multi-stage roots	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L155	37	multi-stage roots	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/12/13 13:43
L156	1	multi-stage roots and booster	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/12/13 13:43
L157	8	("1238501" "1531607" "3191853").PN. OR ("3922117").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L158	14	("2489887" "2648488" "3405604" "3667874" "3922117" "4102615" "4789314").PN. OR ("4995796").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L159	4	("1214300" "4943214" "4995796").PN. OR ("7491041").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L160	10	("1442018" "3089638" "4210410").PN. OR ("4943214").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L161	8	("1238501" "1531607" "3191853").PN. OR ("3922117").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L162	2	("3667874").PN.	USPAT; USOCR	OR	OFF	2010/12/13 13:43
L163	21	("3667874").URPN.	USPAT	OR	ON	2010/12/13 13:43
L164	0	"10563255"	USPAT	OR	ON	2010/12/13 13:43

L165	2	"10563255"	US-PGPUB; USPAT	OR	ON	2010/12/13 13:43
L166	21	("3667874").URPN.	USPAT	OR	ON	2010/12/13 13:43
L167	17	("1004776" "2787224" "2804260" "3238738" "3481532" "3535058" "3667874" "3692439" "3750393").PN. OR ("4108198").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L168	11	("3481532").URPN.	USPAT	OR	ON	2010/12/13 13:43
L169	14	booster adj pump near start	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/13 13:43
L170	14	booster adj pump near start \$3 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/13 13:43
L171	38	booster adj pump near start \$3	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/13 13:43
L172	27	("2492075" "3446422" "4504194" "4505647"). PN. OR ("4850806").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L173	27	("2492075" "3446422" "4504194" "4505647"). PN. OR ("4850806").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L174	27	("2492075" "3446422" "4504194" "4505647"). PN. OR ("4850806").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L175	423	418/9.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L176	10	418/9.ccls. and booster	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L177	1	418/5.ccls. and booster	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
L178	201	418/5.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/13 13:43
S1	3	"03023229"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/08/27 14:57
S2	2	"20040173312"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/08/27 14:57
S3	0	("2004/0173312").URPN.	USPAT	OR	ON	2009/08/27 14:58
S4	0	("2004/0173312").URPN.	USPAT	OR	ON	2009/08/27 14:58
S5	0	("2004/0173312").URPN.	USPAT	OR	ON	2009/08/27 14:58
S6	0	"10586189"	USPAT	OR	ON	2009/08/27 14:58

S8	0	"2002090321"	US-PGPUB; USPAT	OR	ON	2009/08/27 14:59
S9	1	"20020090321"	US-PGPUB; USPAT	OR	ON	2009/08/27 15:00
S10	0	"1004173312"	US-PGPUB; USPAT	OR	ON	2009/08/27 15:02
S11	0	"2004173312"	US-PGPUB; USPAT	OR	ON	2009/08/27 15:02
S12	1	"20040173312"	US-PGPUB; USPAT	OR	ON	2009/08/27 15:02
S13	478	vacuum adj pump near3 series	US-PGPUB; USPAT	OR	ON	2009/08/27 15:04
S14	17	vacuum adj pump near3 series with motor	US-PGPUB; USPAT	OR	ON	2009/08/27 15:04
S15	18	("2246932" "2295775" "2926835" "4140439" "4699570" "4767280" "4797068").PN. OR ("4887941").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 15:05
S16	1	"10563255"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 15:06
S17	1138	kawamura.in. and vacuum	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 15:06
S18	11	(kawamura near2 takeshi). in. and vacuum	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 15:06
S19	12	("2511878" "2931308" "4543048").PN. OR ("5697772").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 15:08
S20	210	vacuum adj pump near series	US-PGPUB; USPAT	OR	ON	2009/08/27 15:08
S21	6	vacuum adj pump near series and ("417.clas" or "418".clas. or "415".clas. or "92".clas. or "91".clas.)	US-PGPUB; USPAT	OR	ON	2009/08/27 15:09
S22	842395	miltistage with pump with rotor with vacuum	US-PGPUB; USPAT	OR	ON	2009/08/27 15:22
S23	0	miltistage with pump with rotor and vacuum	US-PGPUB; USPAT	OR	ON	2009/08/27 15:22
S24	0	miltistage with pump with rotor	US-PGPUB; USPAT	OR	ON	2009/08/27 15:22
S25	0	miltistage with pump with rotor	US-PGPUB; USPAT	OR	ON	2009/08/27 15:22
S26	0	multi-stage with pump with rotor	US-PGPUB; USPAT	OR	ON	2009/08/27 15:22
S27	18589	pump with rotor	US-PGPUB; USPAT	OR	ON	2009/08/27 15:22
S28	1199	vacuum adj pump with rotor	US-PGPUB; USPAT	OR	ON	2009/08/27 15:22
S29	4	vacuum adj pump with rotor near3 complex	US-PGPUB; USPAT	OR	ON	2009/08/27 15:23

S30	0	("2008/0025858").URPN.	USPAT	OR	ON	2009/08/27 15:23
S31	96	vacuum adj pump with rotor near3 stage	US-PGPUB; USPAT	OR	ON	2009/08/27 15:23
S32	16	("3748055" "3826588" "4111595" "4732529" "4826393" "4893985"). PN. OR ("5052887").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 15:42
S33	14	("2362922" "3802794" "4332522" "4668160"). PN. OR ("4826393").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 15:43
S34	17	("0269412" "1098974" "2010569" "2464152" "3405597" "4437784" "4502832" "5052887" "5195756").PN. OR ("5466119").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 15:43
S35	28	vacuum adj pump with rotor same compound	US-PGPUB; USPAT	OR	ON	2009/08/27 15:58
S36	1151	vacuum adj pump with compound	US-PGPUB; USPAT	OR	ON	2009/08/27 16:00
S37	164	vacuum adj pump near2 compound	US-PGPUB; USPAT	OR	ON	2009/08/27 16:00
S38	1	vacuum adj pump near2 compound with series	US-PGPUB; USPAT	OR	ON	2009/08/27 16:03
S39	4	pump near2 compound with series	US-PGPUB; USPAT	OR	ON	2009/08/27 16:04
S40	12	("4732530" "4735550" "5020969" "5052887" "5238362" "5324177" "5370509" "5611660"). PN. OR ("6179573").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 16:06
S41	16	("3748055" "3826588" "4111595" "4732529" "4826393" "4893985"). PN. OR ("5052887").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 16:07
S42	953	415/90.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 16:10
S43	29	S42 and compound with vacuum	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 16:11
S44	0	("2004/0096311").URPN.	USPAT	OR	ON	2009/08/27 16:11
S45	12	("4732530" "4735550" "5020969" "5052887" "5238362" "5324177" "5370509" "5611660"). PN. OR ("6179573").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 16:14
S46	14	("2362922" "3802794" "4332522" "4668160"). PN. OR ("4826393").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 16:23

S47	16	("3947193" "4732529" "4826393" "5165872").PN. OR ("5553998").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 16:24
S48	29	("0969541" "2730297" "3628894" "3751908" "3947193" "3969039" "4023920" "4111595" "4332522").PN. OR ("4732529").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 16:25
S49	0	turbomolecular	USPAT	OR	ON	2009/08/27 16:26
S50	1619	turbomolecular	USPAT	OR	ON	2009/08/27 16:26
S51	1427	turbomolecular near pump	USPAT	OR	ON	2009/08/27 16:26
S52	23	(turbomolecular near pump) near2 series	USPAT	OR	ON	2009/08/27 16:26
S53	34	(turbomolecular near pump) near2 series	US-PGPUB; USPAT	OR	ON	2009/08/27 16:26
S54	155	("2142329" "2413851" "2592940" "3145914" "3190545" "3281065" "3578880" "3592048" "3623826" "3672791" "3714421" "3811319" "4111595" "4167165" "4269590" "4309143" "4399690" "4505647" "4541772" "4593530" "4651171" "4702228" "4717315" "4754745" "4756810" "4761553" "4785182" "4800173" "4806075" "4815303" "4816126" "4824546" "4835005" "4889995" "4992662" "4994013" "4999096" "5062271" "5107697" "5116196" "5134877" "5152679" "5180435" "5188514" "5190444" "5210466" "5259918" "5297422" "5298452" "5335505" "5341671" "5349846" "5363689" "5440918" "5450721" "5483803" "5489319" "5500102" "5534713" "5537857" "5542825" "5548964" "5688106" "5733104" "5756881" "5783295" "5828064" "5863602" "5879467" "5885869" "5924841" "5928428" "5963833" "6013134"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 16:31

		"6014892" "6030189" "6050782" "6062810" "6083313").PN. OR ("5584669" "5720174" "5849163" "6099457" "6336356" "6362096" "6412173" "6642489" "6666811" "6872956" "6875279").URPN.				
S55	1	"10563255"	US-PGPUB; USPAT	OR	ON	2009/08/27 16:46
S56	8	roots near pump same compound	US-PGPUB; USPAT	OR	ON	2009/08/27 16:47
S57	21	roots near pump with series	US-PGPUB; USPAT	OR	ON	2009/08/27 16:47
S58	1137	vacuum near pump with series	US-PGPUB; USPAT	OR	ON	2009/08/27 16:48
S59	89	vacuum near pump with series same turbo adj molecular	US-PGPUB; USPAT	OR	ON	2009/08/27 16:48
S60	103	turbo adj molecular with pump with series	US-PGPUB; USPAT	OR	ON	2009/08/27 16:50
S61	93	S60 not S59	US-PGPUB; USPAT	OR	ON	2009/08/27 16:50
S62	93	S60 not S59	US-PGPUB; USPAT	OR	ON	2009/08/27 16:50
S63	93	S60 not S59	US-PGPUB; USPAT	OR	ON	2009/08/27 16:50
S64	93	S63 and pump	US-PGPUB; USPAT	OR	ON	2009/08/27 16:50
S65	93	S63 and vacuum	US-PGPUB; USPAT	OR	ON	2009/08/27 16:51
S66	64	turbo adj molecular with pump with series with vacuum	US-PGPUB; USPAT	OR	ON	2009/08/27 16:51
S67	0	("20020090310").PN.	USPAT; USOCR	OR	OFF	2009/08/27 17:04
S68	0	"2002090310"	USPAT	OR	ON	2009/08/27 17:04
S69	0	"2002090310"	US-PGPUB; USPAT	OR	ON	2009/08/27 17:04
S70	1	"20020090310"	US-PGPUB; USPAT	OR	ON	2009/08/27 17:04
S71	1	"20040193312"	US-PGPUB; USPAT	OR	ON	2009/08/27 17:05
S72	1	"20040173312"	US-PGPUB; USPAT	OR	ON	2009/08/27 17:05
S73	3702	booster adj pump	US-PGPUB; USPAT	OR	ON	2009/08/27 17:52

S74	4683	booster near2 pump	US-PGPUB; USPAT	OR	ON	2009/08/27 17:52
S75	1765	(booster near2 pump) and stage	US-PGPUB; USPAT	OR	ON	2009/08/27 17:52
S76	775	(booster near2 pump) and stage and vacuum	US-PGPUB; USPAT	OR	ON	2009/08/27 17:52
S77	36657	((booster near2 pump) and stage and vacuum) and "417".clas. or "415".clas.	US-PGPUB; USPAT	OR	ON	2009/08/27 17:53
S78	47	((booster near2 pump) and stage and vacuum) and ("417".clas. or "415".clas.)	US-PGPUB; USPAT	OR	ON	2009/08/27 17:53
S79	21	((booster near2 pump) and stage and vacuum) and ("417".clas. or "415".clas.) and series	US-PGPUB; USPAT	OR	ON	2009/08/27 17:54
S80	38	((booster near2 pump) and vacuum) and ("417".clas. or "415".clas.) and series	US-PGPUB; USPAT	OR	ON	2009/08/27 17:54
S81	1	"10586189"	US-PGPUB; USPAT	OR	ON	2009/08/28 09:35
S82	1	"10563255"	US-PGPUB; USPAT	OR	ON	2009/08/28 09:35
S83	0	booster near2 pump with turbomoleclar	US-PGPUB; USPAT	OR	ON	2009/08/28 09:39
S84	81	booster near2 pump with turbomolecular	US-PGPUB; USPAT	OR	ON	2009/08/28 09:39
S85	76	booster near pump with turbomolecular	US-PGPUB; USPAT	OR	ON	2009/08/28 09:39
S86	21	roots near pump with series	US-PGPUB; USPAT	OR	ON	2009/08/28 11:17
S87	8	("2812715" "3089638" "4859158" "5288217").PN. OR ("6196810").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/28 11:19
S88	13	("3874708" "4372114" "4523612" "5133578" "5340165" "5437479" "5639222" "5713727" "5820354" "6056510" "6062266" "6089823" "6196810").PN. OR ("6305910").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/28 11:19
S89	1126	vacuum adj pump with series	US-PGPUB; USPAT	OR	ON	2009/08/28 11:20
S90	370	vacuum adj pump near2 series	US-PGPUB; USPAT	OR	ON	2009/08/28 11:20
S91	120	vacuum adj pump near2 series and housing	US-PGPUB; USPAT	OR	ON	2009/08/28 11:21
S92	28	vacuum adj pump near2 series same housing	US-PGPUB; USPAT	OR	ON	2009/08/28 11:21

S93	7	vacuum adj pump near2 series same enclosure	US-PGPUB; USPAT	OR	ON	2009/08/28 11:22
S94	0	vacuum adj pump near2 series with motor and (brushless near3 motor)	US-PGPUB; USPAT	OR	ON	2009/08/28 11:40
S95	136	vacuum adj pump with motor and (brushless near3 motor)	US-PGPUB; USPAT	OR	ON	2009/08/28 11:40
S96	62	vacuum adj pump with motor and (brushless near3 DC)	US-PGPUB; USPAT	OR	ON	2009/08/28 11:52
S97	2	roots near pump with motor and (brushless near3 DC)	US-PGPUB; USPAT	OR	ON	2009/08/28 11:53
S98	342	roots near (multistage or compound)	US-PGPUB; USPAT	OR	ON	2009/08/28 12:01
S99	0	("2007/0048162").URPN.	USPAT	OR	ON	2009/08/28 12:02
S100	1	"7491041"	USPAT	OR	ON	2009/08/28 12:02
S101	4	("1214300" "4943214" "4995796").PN. OR ("7491041").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/28 12:03
S102	14	("2489887" "2648488" "3405604" "3667874" "3922117" "4102615" "4789314").PN. OR ("4995796").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/28 12:03
S103	21	("3667874").URPN.	USPAT	OR	ON	2009/08/28 12:06
S104	15	("1756343" "3184155" "3667874" "4505647" "5314312" "5364245" "5709537" "5736823").PN. OR ("5846062").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/28 12:09
S105	4	("3184155").URPN.	USPAT	OR	ON	2009/08/28 12:11
S106	15	("1756343" "3184155" "3667874" "4505647" "5314312" "5364245" "5709537" "5736823").PN. OR ("5846062").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/28 12:12
S107	15	("1756343" "3184155" "3667874" "4505647" "5314312" "5364245" "5709537" "5736823").PN. OR ("5846062").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/28 12:18
S108	47	roots with pump with (multistage or compound)	US-PGPUB; USPAT	OR	ON	2009/08/28 12:19
S109	1	"10586189"	US-PGPUB; USPAT	OR	ON	2009/08/28 13:14

S110	2	"03023229"	EPO; DERWENT	OR	ON	2009/08/28 14:21
S111	0	PCT/JP02/09048	EPO; DERWENT	OR	ON	2009/08/28 14:21
S112	0	JP02/09048	EPO; DERWENT	OR	ON	2009/08/28 14:21
S113	2	("0750,673").PN.	USPAT; USOCR	OR	OFF	2009/11/13 13:43
S114	0	(10/568812).APP.	USPAT; USOCR	OR	OFF	2009/11/13 13:44
S115	1	"10568812"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/13 13:44
S116	10	417/205.ccls. and booster near pump	US-PGPUB; USPAT; DERWENT	OR	ON	2010/01/19 10:59
S117	4	"6379135"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:09
S118	2	((("6217305") or ("6379135")).PN.	USPAT; USOCR	OR	OFF	2010/01/19 11:09
S119	8	("3180559" "5101782" "5215501" "5549463" "6129534" "6200116"). PN. OR ("6379135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:10
S120	23	("1626768" "3146717" "3182670" "4504201" "5011520" "5158644" "5197861" "5295798" "5302089" "5348448" "5352097" "5443644"). PN. OR ("5549463").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:11
S121	26	("2243874" "2640428" "3639087" "3811805" "4152092" "4420291" "4625156" "4712048" "4758132" "4797068" "4808077" "4829217" "4850806" "5062771" "5115172" "5118251" "5166566" "5197861" "Re17689").PN. OR ("5352097").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:13
S122	7	("4714418" "4781553" "4797068" "4954047" "5549463" "5782609" "5836746").PN. OR ("6375431").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:15
S123	36	booster near pump with multi-stage	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:26
S124	2	booster near pump with multi-stage with roots	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:28
S125	0	("20040173312").PN.	USPAT; USOCR	OR	OFF	2010/01/19 11:32

S126	0	(2004/0173312).CCLS.	USPAT; USOCR	OR	OFF	2010/01/19 11:32
S127	0	2004/0173312	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:32
S128	1	"20040173312"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:32
S129	1	"20020197171"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:34
S130	3	("2721694" "4934908"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:40
S131	2	("2721694").URPN.	USPAT	OR	ON	2010/01/19 11:41
S132	14	("2492075" "2721694" "2938664" "2940661" "4504201" "4662826" "4770609" "4797068"). PN. OR ("4934908").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:41
S133	10	("4353002" "5261802" "5779453" "5782609" "5846062" "6039827" "6092994" "6183218" "6448682" "6528920"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:47
S134	10	("1612330" "2937807" "3378710" "3572982" "4797071" "5045026" "5354179").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:49
S135	6	("4549857" "4904155" "5618167" "5762478" "6629824" "6679677"). PN. OR ("6874989").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:51
S136	395374	multi-stage roots	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:52
S137	35	multi-stage roots	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/01/19 11:52
S138	1	multi-stage roots and booster	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/01/19 11:52
S139	8	("1238501" "1531607" "3191853").PN. OR ("3922117").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:54
S140	14	("2489887" "2648488" "3405604" "3667874" "3922117" "4102615" "4789314").PN. OR ("4995796").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:54
S141	4	("1214300" "4943214" "4995796").PN. OR ("7491041").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:54
S142	10	("1442018" "3089638" "4210410").PN. OR ("4943214").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:55

S143	8	("1238501" "1531607" "3191853").PN. OR ("3922117").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 11:59
S144	2	("3667874").PN.	USPAT; USOCR	OR	OFF	2010/01/19 13:34
S145	21	("3667874").URPN.	USPAT	OR	ON	2010/01/19 13:44
S146	0	"10563255"	USPAT	OR	ON	2010/01/19 13:45
S147	1	"10563255"	US-PGPUB; USPAT	OR	ON	2010/01/19 13:45
S148	21	("3667874").URPN.	USPAT	OR	ON	2010/01/19 13:46
S149	16	("1004776" "2787224" "2804260" "3238738" "3481532" "3535058" "3667874" "3692439" "3750393").PN. OR ("4108198").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 13:47
S150	10	("3481532").URPN.	USPAT	OR	ON	2010/01/19 13:48
S151	13	booster adj pump near start	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/19 14:17
S152	11	booster adj pump near start \$3 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/19 14:18
S153	35	booster adj pump near start \$3	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/19 14:19
S154	27	("2492075" "3446422" "4504194" "4505647").PN. OR ("4850806").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 14:23
S155	27	("2492075" "3446422" "4504194" "4505647").PN. OR ("4850806").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 14:23
S156	27	("2492075" "3446422" "4504194" "4505647").PN. OR ("4850806").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 14:23
S157	407	418/9.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 15:02
S158	9	418/9.ccls. and booster	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 15:02
S159	1	418/5.ccls. and booster	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 15:05
S160	197	418/5.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 15:05

EAST Search History (Interference)

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